

ABSTRACT

An air cleaning apparatus includes an air cleaning unit moved in a vertical direction to clean room air, allowing the room air to be effectively and uniformly cleaned in a short period of time. The air cleaning apparatus includes a longitudinal cabinet to stand on a support surface. An air cleaning unit is installed in the cabinet to move in the vertical direction, and is provided with a blowing unit and a filtering unit to clean air. An elevating unit is provided at at least one of the cabinet and the air cleaning unit to move the air cleaning unit in the vertical direction. The air cleaning apparatus also includes upper and lower sensors, and a control unit. The upper and lower sensors are provided on upper and lower portions of the cabinet, respectively, to sense air pollution levels of upper and lower parts of a room. The control unit controls the air cleaning unit so that the air cleaning unit moves upward or downward, according to data obtained from the upper and lower sensors.